PTO JC106 MAR 0 8 2004 PATENT & TRADEMARK OFFICE

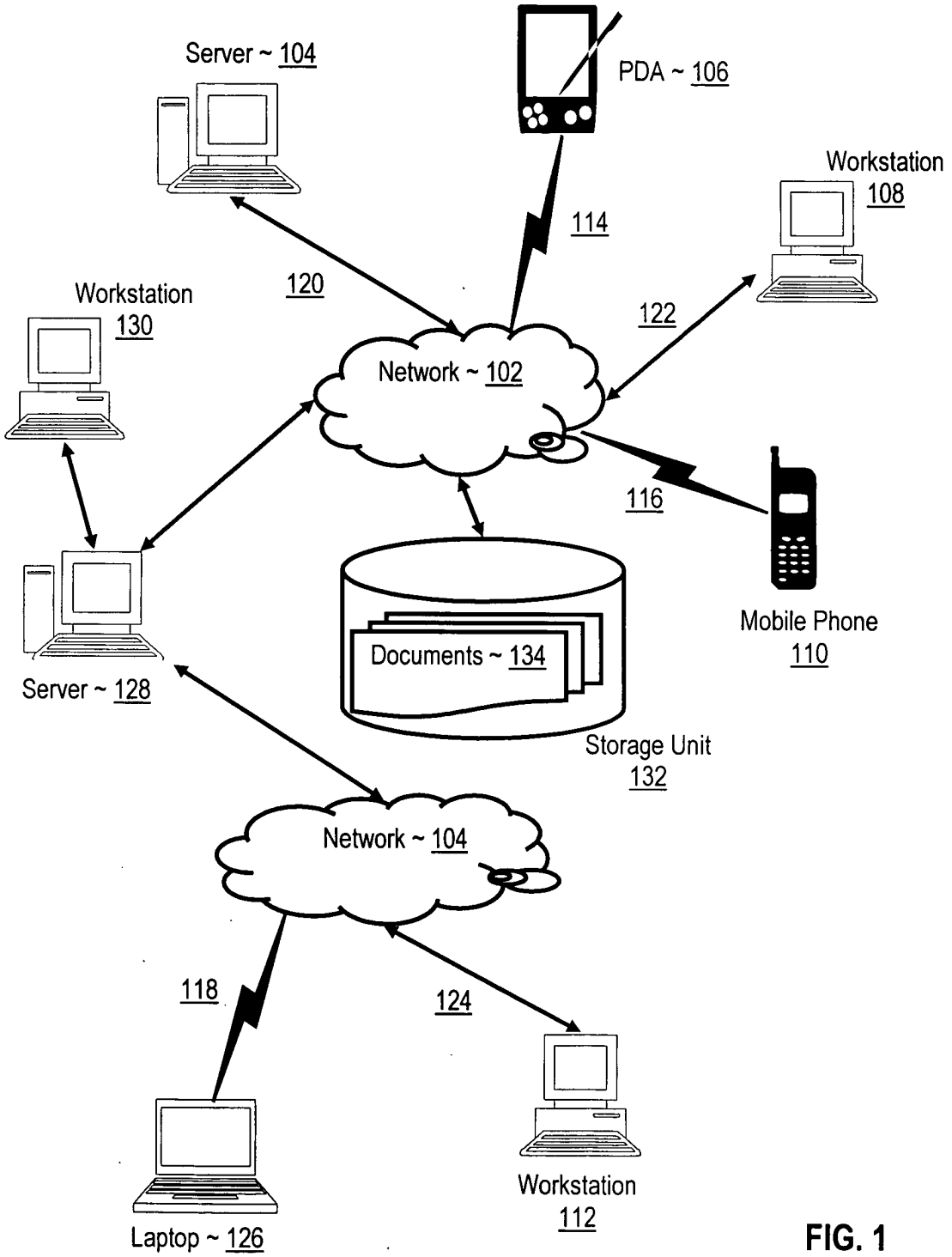

FIG. 1

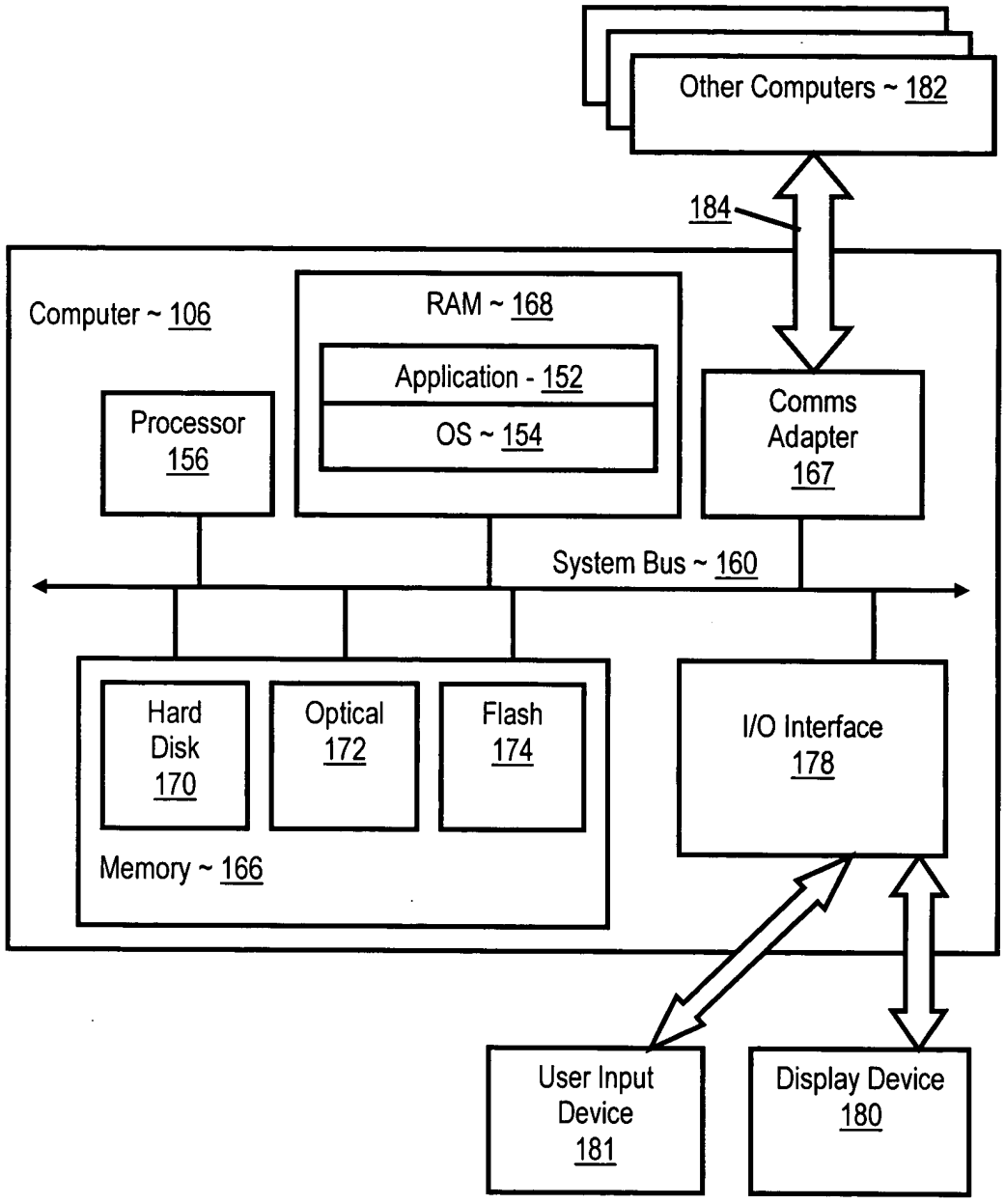
Other Computers ~ 182
184
Computer ~ 106
RAM ~ 168
Application - 152
OS ~ 154
Processor 156
Comms Adapter 167
System Bus ~ 160
Hard Disk 170
Optical 172
Flash 174
Memory ~ 166
I/O Interface 178
User Input Device 181
Display Device 180

FIG. 2

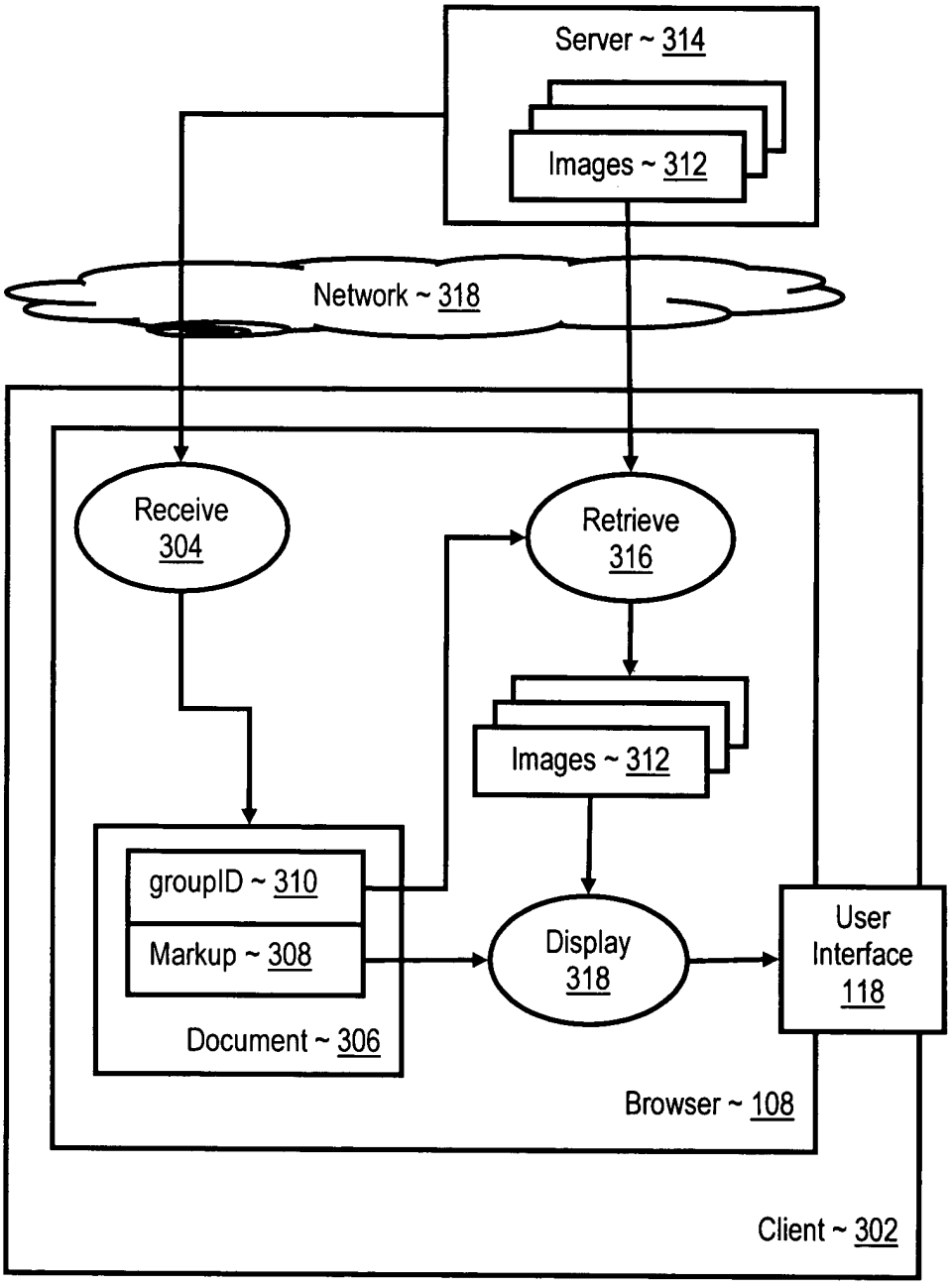
Server ~ 314
Images ~ 312
Network ~ 318
Receive
304
Retrieve
316
Images ~ 312
groupID ~ 310
Markup ~ 308
Document ~ 306
Display
318
User
Interface
118
Browser ~ 108
Client ~ 302

FIG. 3

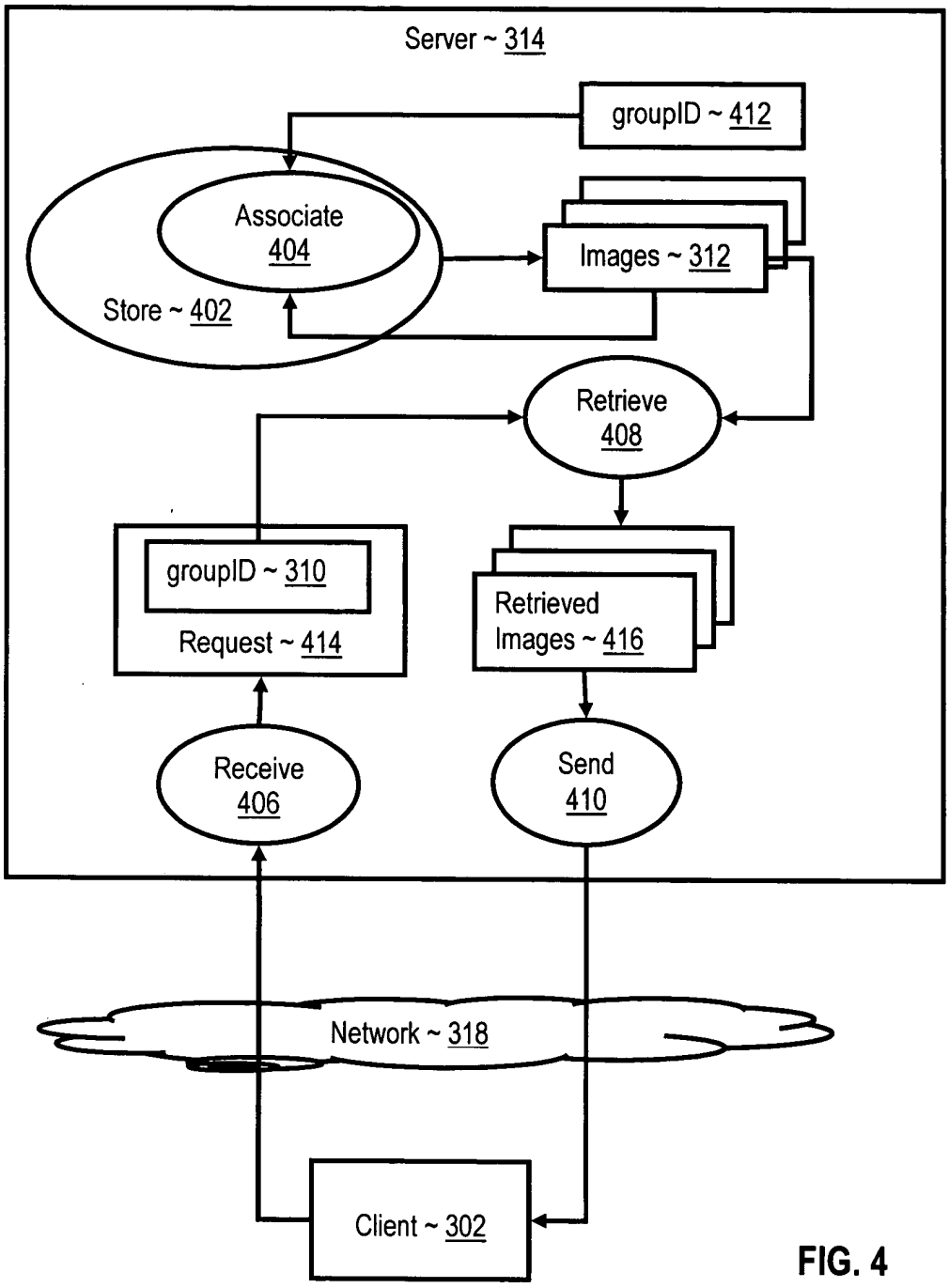
Server ~ 314
groupID ~ 412
Associate
404
Store ~ 402
Images ~ 312
Retrieve
408
groupID ~ 310
Request ~ 414
Retrieved
Images ~ 416
Receive
406
Send
410
Network ~ 318
Client ~ 302

FIG. 4

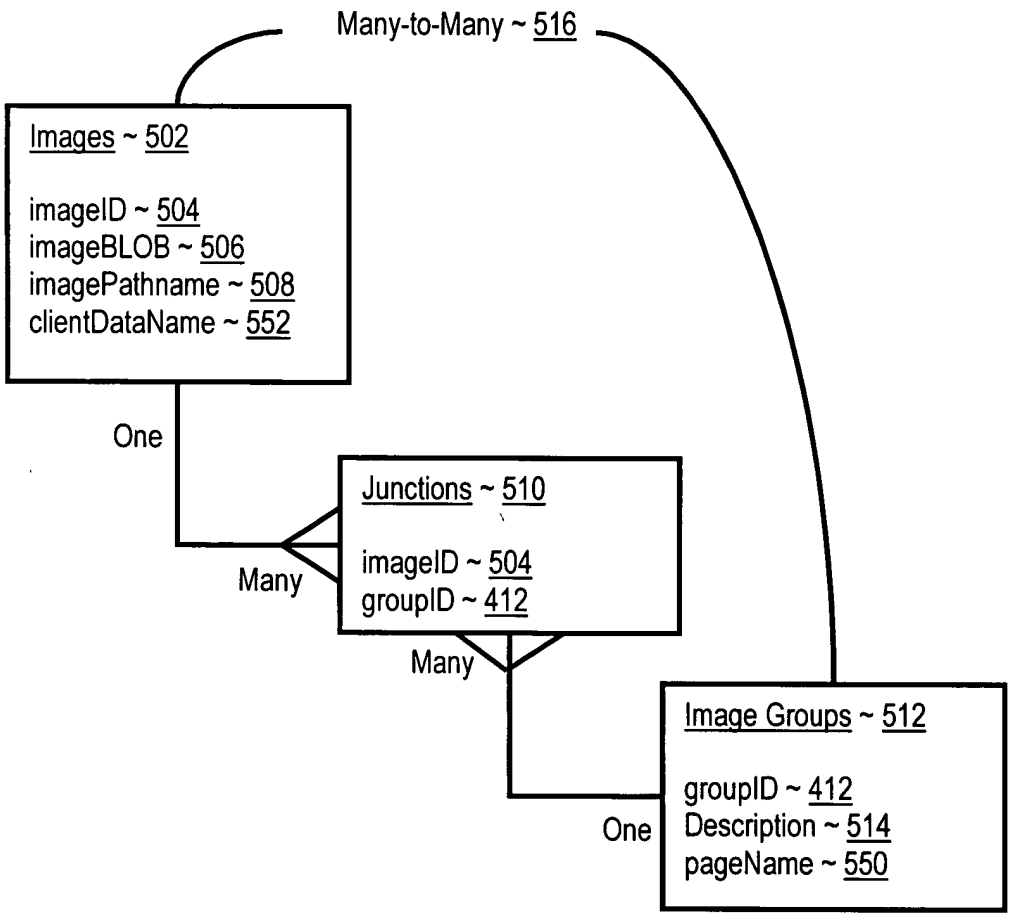
Many-to-Many ~ 516
Images ~ 502
imageID ~ 504
imageBLOB ~ 506
imagePathname ~ 508
clientDataName ~ 552
One
Many
Junctions ~ 510
imageID ~ 504
groupID ~ 412
Many
One
Image Groups ~ 512
groupID ~ 412
Description ~ 514
pageName ~ 550

FIG. 5

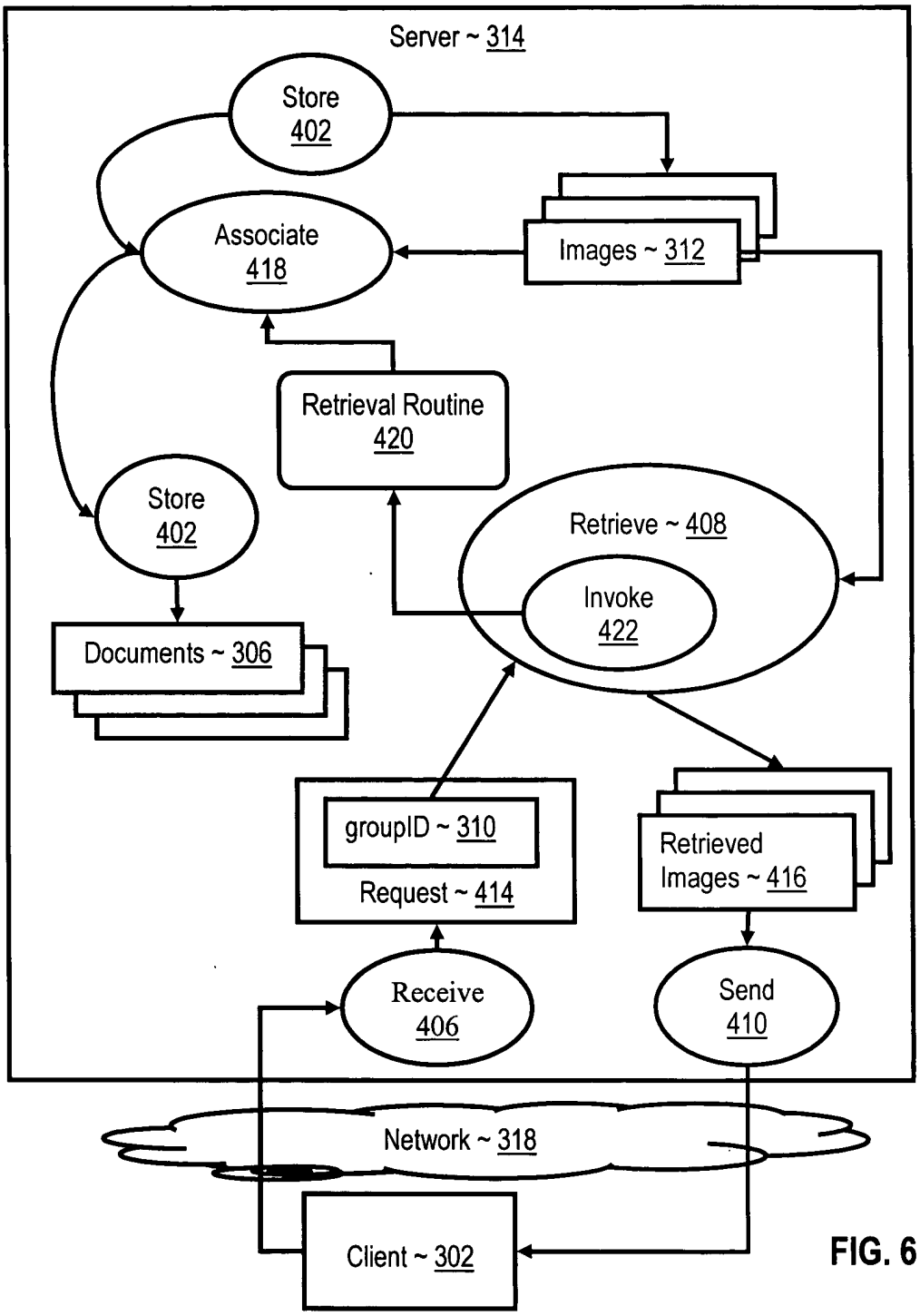
Server ~ 314
Store
402
Associate
418
Images ~ 312
Retrieval Routine
420
Store
402
Retrieve ~ 408
Invoke
422
Documents ~ 306
groupID ~ 310
Request ~ 414
Retrieved
Images ~ 416
Receive
406
Send
410
Network ~ 318
Client ~ 302

FIG. 6

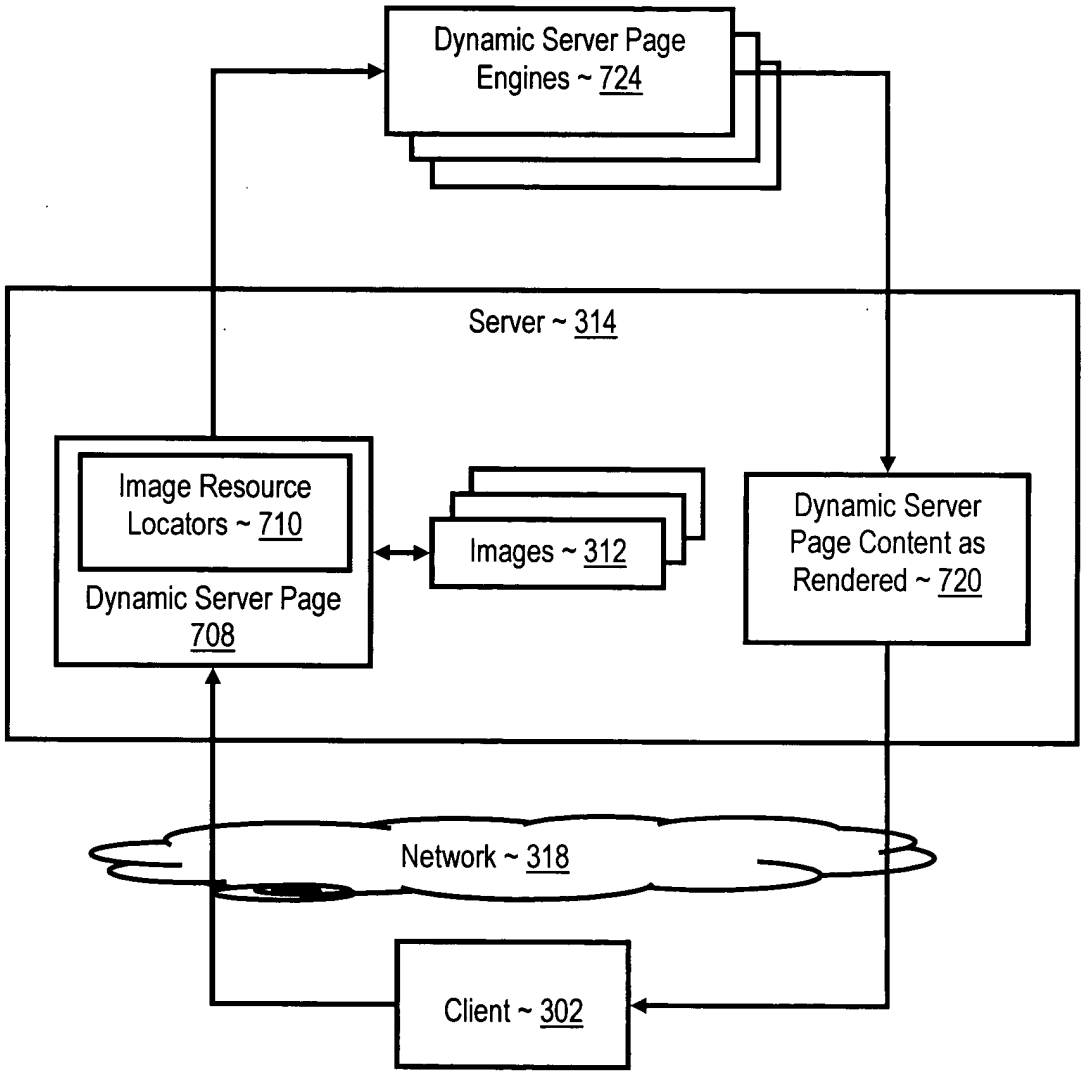
Dynamic Server Page Engines ~ 724
Server ~ 314
Image Resource Locators ~ 710
Dynamic Server Page 708
Images ~ 312
Dynamic Server Page Content as Rendered ~ 720
Network ~ 318
Client ~ 302

FIG. 7

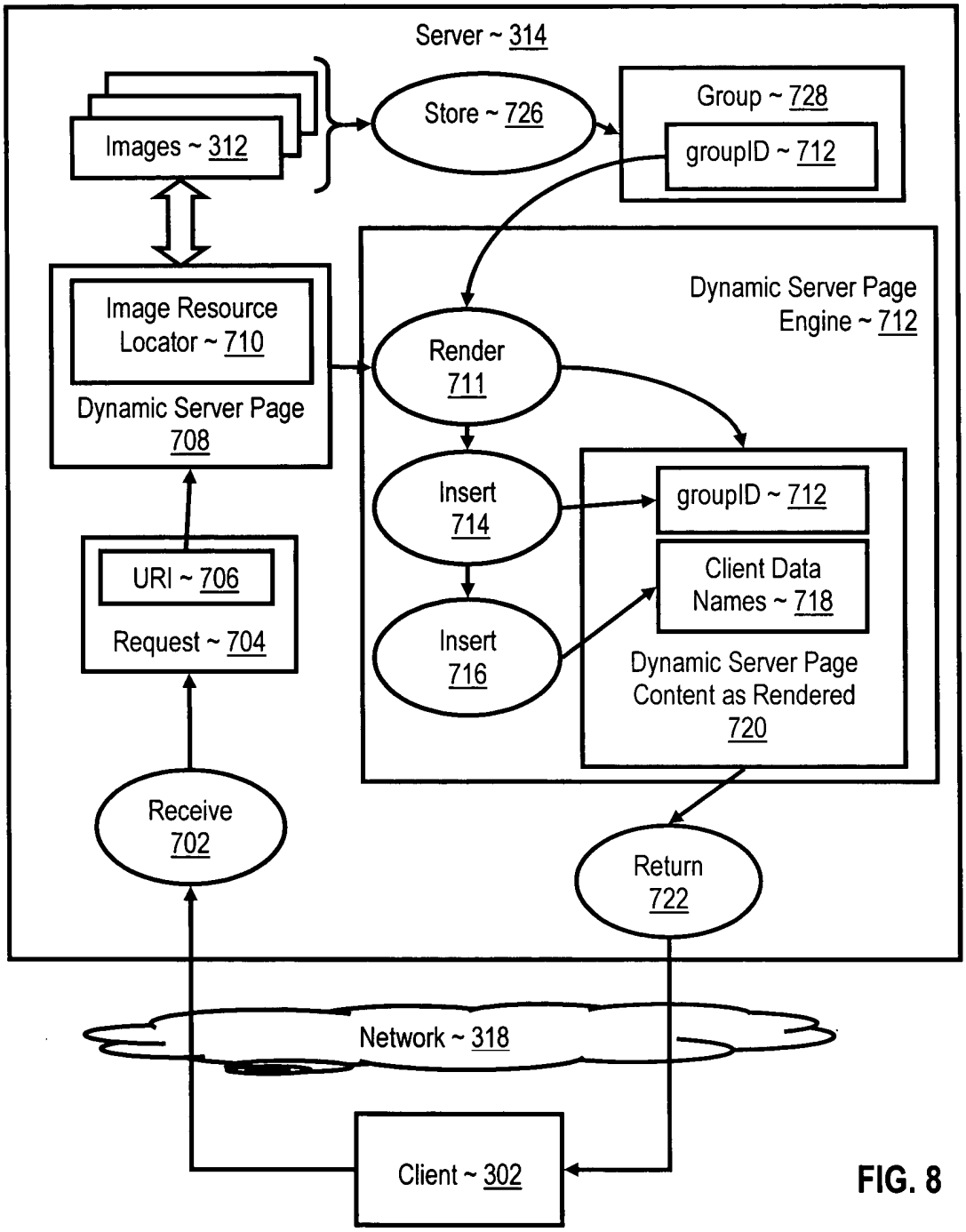
Server ~ 314
Images ~ 312
Store ~ 726
Group ~ 728
groupID ~ 712
Image Resource Locator ~ 710
Dynamic Server Page 708
Dynamic Server Page Engine ~ 712
Render 711
Insert 714
Insert 716
groupID ~ 712
Client Data Names ~ 718
Dynamic Server Page Content as Rendered 720
URI ~ 706
Request ~ 704
Receive 702
Return 722
Network ~ 318
Client ~ 302

FIG. 8